

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
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Attorney's Docket No.

21153-05931

Serial No.

10/029,523

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicants

Sol P. DiJaili et al.

Filing Date

December 21, 2001

Group Art Unit

2873

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
QMAJ	A	6,335,992	01-01-02	Bala et al.	385	17	02-15-00
	B	6,333,799	12-25-01	Bala et al.	359	128	01-06-98
	C	6,317,531	11-13-01	Chen et al.	385	17	
	D	6,128,115	10-03-00	Shiragaki	359	128	
	E	6,115,517	09-05-00	Shiragaki et al.	385	24	
	F	6,061,156	05-09-00	Takeshita et al.	359	117	
	G	5,999,293	12-07-99	Manning	359	139	
	H	5,771,320	06-23-98	Stone	385	16	
	I	5,436,759	07-27-95	Dijaili et al.	359	333	
	J	5,305,412	04-19-94	Paoli	385	122	
	K	5,299,054	03-29-94	Geiger	359	251	
	L	4,794,346	12-27-88	Miller	330	4.3	
	M	3,828,231	08-06-74	Yamamoto	357	30	
QMAJ	N	3,467,906	09-16-69	Cornely et al.	330	4.3	

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							Yes	No
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QMAJ	P	Alcatel, "Alcatel Optronics Introduces a Gain-Clamped Semiconductor Optical Amplifier," <i>Press Release for Immediate Publication</i> , OFC '98, San Jose, 1 unnumbered page, (Feb. 1998).					
	Q	Diez, S., Ludwig, R., and Weber, H.G., "All-Optical Switch for TDM and WDM/TDM Systems Demonstrated in a 640 Gbit/s Demultiplexing Experiment," <i>Electronics Letters</i> , Vol. 34, No. 8, Pgs. 803-805, April 16, 1988.					
	R	Diez, S., Ludwig, R., and Weber, H.G., Gain-Transparent SOA-Switch for High-Bitrate OTDM Add/Drop Multiplexing," <i>IEEE Photonics Technology Letters</i> , Vol. 11, No. 1, Pgs. 60-62, January 1999.					
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EXAMINER Mark HellnerDATE CONSIDERED 8-11-03

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FORM PTO-1449 (REV. 8-89)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. 21153-05931	Serial No. 10/029,523
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				Filing Date December 21, 2001	Group Art Unit 2873
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	T	Dorgeuille, F., Noirie, L., Faure, J-P., Ambrosy, A., Rabaron, S., Boubal, F., Schilling, M., and Artigue, C., "1.28 Tbit/s Throughput 8x8 Optical Switch Based on Arrays of Gain-Clamped Semiconductor Optical Amplifier Gates," Optical Fiber Communication Conference, Vol. 4, Pages 221-223, March 2000.			
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	X	Fernier, B., Brosson, P., Bayart, D., Doussière, P., Beaumont, R., Leblond, F., Morin, P., Da Loura, G., Jacquet, J., Derouin, E., and Garabedian, P., "Fast (300 ps) Polarization Insensitive Semiconductor Optical Amplifier Switch with Low Driving Current (70 mA)," Semiconductor Laser Conference, Conference Digest, 13 th IEEE International, Pages 130-131, September 21-25, 1992.			
	Y	Fouquet, J.E., Venkatesh, S., Troll, M., Chen, D., Schiaffino, S., and Barth, P.W., "Compact, Scalable Fiber Optic Cross-Connect Switches," IEEE, 1999 Digest of the LEOS Summer Topical Meetings, Pages 59-60, 1999.			
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	E1	Mørk, J., and Mecozzi, A., "Semiconductor Devices for All-Optical Signal Processing: Just How Fast Can They Go?," IEEE Lasers and Electro-Optics Society 1999 12 th Annual Meeting, LEOS'99, Vol. 2, Pages 900-901, November 8-11, 1999.			
	F1	Mutalik, V. G., van den Hoven, G., and Tiemeijer, L., "Analog Performance of 1310-nm Gain-Clamped Semiconductor Optical Amplifiers," OFC '97 Technical Digest, Pages 266-267, 1997.			
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I	S1	5,778,132	07-07-98	Csipkes et al.	385	135	
I	T1	5,754,571	05-19-98	Endoh et al.	372	20	
MAO	U1	5,604,628	02-18-97	Parker et al.	359	344	

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							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MAV	V1	Walker, J.D., et al., "A Gain-Clamped, Crosstalk Free, Vertical Cavity Lasing Semiconductor Optical Amplifier for WDM Applications," Summaries of the papers presented at the topical meeting, Integrated Photonics Search; 1996 Technical Digest Series; Proceedings of Integrated Photonics; Boston, MA, 29.04-02.05 1996, Vol. 6, pages 474-477, 1996.

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Mark Heller

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